CERTIFICATE OF ANALYSIS

(Certificate No. KMS014011-01)

Release Date: 15/09/2026 **Re-test Date:** 14/09/2029

Sacubitril Impurity D

Identification

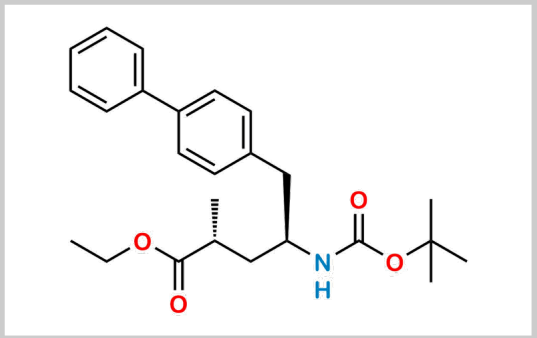
Chemical Name :
Ethyl (2R,4S)-5-([1,1'-biphenyl]-4-yl)-4-((tert-butoxycarbonyl)amino)-2-methylpentanoate

CAT No. : KMS014011

CAS No. : 149709-60-4

Molecular Formula : C25H33NO4

Molecular Weight : 411.6



Analytical Information

Batch No. : S014011-136-192

Description : Off White Solid

HPLC Purity : 99.90 %

Weight Loss By TGA : 0.66 %

% Potency : 99.24 %

Solubility : ACN : WATER (1:1)

Mass : Confirm

IR : Confirm

1H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.66(Weight Loss By TGA)] x [99.90(HPLC Purity)]/100 = 99.24 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		15/09/2026
Reviewed & Approved By	Quality Control	Jatin Patel		15/09/2026

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA